BRUHAT BANGALORE MAHANAGARA PALIKE

"Negotiated SCHEDULE - B"

Name of the Work :- Improvements to Roads, Drains and Asphlting to Roads in Vinayaka layout 2nd Main , 2nd Stage in ward no. 7, Byatarayanapura

BBMP/2012-13/RD/WORK_INDENT4579/CALL-3

SNo	Item Name	Unit	Estimate Quantity	Approved Rates	
				In Figure	In Words
1	Removing BS Slab of drain and stacking.	Sqm	943.8	45.36 As	Fourty five ~~Rupee~~ Thirty Six Paise only
2	Refixing stone slabs of drains and pointing in CM 1:3.	Sqm	660.66	64.26	As Sixty four & twenty Six Paise only
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (7.50cms thick)	Sqm	188.76	321.67	Three hundrend twenty one Rupees & Sixty Seven Paise only
4	KSRRB M300-2: Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw up to 2mts and an average lift up to 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3.	Cum	686.4	59.49	Fifty Nine Rupees and fifty Nine Paise only
5	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. (167, I.No. 19.64) SR 2012-13	Cum	3432	3.86	Three rupees & Eighty Six Paise only
6	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. (P. 167, Item No. 20.18) SR 12-13	Cum	686.4	1080.67	One ~~Hundred~~ Thousand Eighty and Sixty Seven Paise only.
7	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. (P. 172, Item No. 21.6) SR 12-13	Sqm	3432	40.43	Fourty Rupees and Fourty three Paise only
8	KSRRB M500-18. Providing and laying semi dense bituminous concrete 25 mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.8 complete in all respects as per specifications. with 80/100 grade bitumen using 40-60 HMP using mechanical paver (P. 174, Item No. 21.20.5) SR 12-13	Cum	85.8	9171.92	Nine thousand one hundrend seventy One and Ninenty two Paise only.

9	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 (P. 5, I.No. 2.3) SR-2012-13	Cum	12.96	137.70	One hundrowd thirty Seven Rupees and Seventy Paise only
10	KSRB 4-1.2: Providing and laying in position plain cement concrete of I mix M10 With OPC cement @ 220 Kgs with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P. 12, I.No. 4.2) SR-2012-13	Cum	12.96	4357.93	Four thousand three hundrowd fifty Seven and Ninenty three Paise only.
11	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P. 25, I.No. 5.6) SR-2012-13	Cum	5.76	2816.79	Two thousand Eight hundrowd Sixteen and Seventy Nine Paise only
12	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2 (P 16, I.No 4.28) SR-2012-13	Sqm	37.63	206.00	Two hundrowd Six Rupees ~~and~~ only
13	Providing and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel, fabrication and plastering charges)Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-20 (1:1.5:3) (Cement-3320Kg/cum) (P. 19, I.No. 4.49.1) SR-2012-13	Cum	3.31	5752.56	Five thousand Seven hundrowd fifty two and fifty six Paise only
14	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (P. 19, I.No. 4.46) SR-2012-13	Qtl	2.64	7469.00	Seven thousand four hundrowd Sixty Nine Rupees only
15	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.119.I.No. 15.3) SR-2012-13	Sqm	4.8	73.03	Seventy three Rupees only

Contractor

Executive Engineer
Byatarayanapura Division
Bruhat Bangalore Mahanagara Palike

BRUAHT BANGALORE MAHANAGARA PALIKE
COMPARATIVE STATEMENT AFTER NEGOTIATION

Name of the Work :- **Improvements to Roads, Drains and Asphlting to Roads in Vinayaka layout 2nd Main , 2nd Stage in ward no. 7, Byatarayanapura**

BBMP/2012-13/RD/WORK_INDENT4579/CALL-3

Sl No	Description of Item	Unit	Quantity	As per Sanctioned Estimate P W D S R 2012-13		Quotated By M R GIRISH		Negotiated By M R GIRISH	
				Rates	Amount	Rates	Amount	Rates	Amount
1	Removing BS Slab of drain and stacking.	Sqm	943.8	44.47	41970.79	48.0	45302.40	45.36	42810.20
2	Refixing stone slabs of drains and pointing in CM 1:3.	Sqm	660.66	63	41621.58	69.0	45585.54	64.26	42454.01
3	cement mortar (1:6) including fixing curing etc., complete. (7.50cms	Sqm	188.76	315.36	59527.35	345.0	65122.20	321.67	60717.90
4	KSRRB M300-2: Earth work excavation by manual means in Ordinary Soil involving an average horizontal throw up to 2mts and an average	Cum	686.4	58.32	40030.85	65.0	44616.00	59.49	40831.46
5	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression	Cum	3432	3.78	12972.96	4.2	14414.40	3.86	13232.42
6	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre	Cum	686.4	1059.48	727227.07	1150.0	789360.00	1080.67	741771.61
7	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of	Sqm	3432	39.64	136044.48	43.0	147576.00	40.43	138765.37
8	KSRRB M500-18. Providing and laying semi dense bituminous concrete	Cum	85.8	8992.08	771520.46	9700.0	832260.00	9171.92	786950.87
9	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in	Cum	12.96	135	1749.60	145.0	1879.20	137.70	1784.59
10	KSRB 4-1.2: Providing and laying in position plain cement concrete of I mix M10 With OPC cement @ 220 Kgs with 40mm and down size	Cum	12.96	4272.48	55371.34	4400.0	57024.00	4357.93	56478.77
11	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd	Cum	5.76	2761.56	15906.59	3100.0	17856.00	2816.79	16224.72
12	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings,	Sqm	37.63	201.96	7599.75	220.0	8278.60	206.00	7751.75
13	Providing and laying cement concrete using 20mm and down size granite jelly of ready mix concrete for RCC works laid in 15 cm thick	Cum	3.31	5639.76	18667.61	6100.0	20191.00	5752.56	19040.96
14	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position,	Qtl	2.64	7323.48	19333.99	7950.0	20988.00	7469.95	19720.67
15	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of	Sqm	4.8	71.6	343.68	77.0	369.60	73.03	350.55
					Total=	**1949888.10**		**2110822.94**		**1988885.86**

	As per Sanctioned Estimate P W D S R 2012-13		
Quotated By M R GIRISH	2110822.94	1949888.10	9.07%
	1949888.10		
Negotiated By M R GIRISH	1988885.86	1949888.10	2.00%
	1949888.10		

Executive Engineer
Byatarayanapura Division